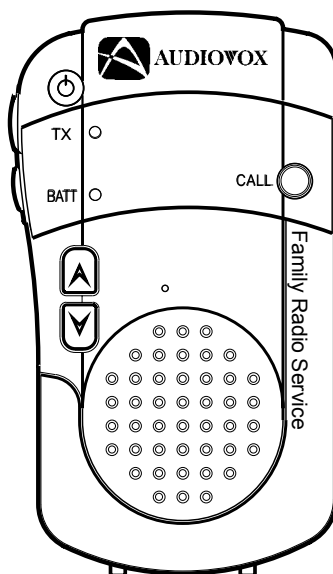




**Owner's Manual
Model FR-200
Two Way Family Radio**



**Customer Service
1-800-645-4994**

Rev NC Released on 4-21-99.
Rev A 4/22/99 Changed # to 1-800-645-4994
Rev B 4/27/99 1st production-Changed bat save time to 5 sec, ch A to 462.5625
Rev C 5/11/99 2nd production-Added adj limit conformation, batt indicator on pwr save call and up/down, added Family radio service to dwgs, changed turn on from instant to 2 sec button press.
Rev D 5/27/99 3rd production-Removed references to bat low light except on low batt condition. Added monitor lock feature.

**128-5551D
1 of 12**

CONGRATULATIONS ON YOUR SELECTION
OF THE FR-200 (FAMILY RADIO)

It is one of the most sophisticated and reliable two way
Family radios available.

BEFORE OPERATING YOUR FR-200 (FAMILY RADIO)
READ THIS MANUAL CAREFULLY

FCC WARNING

Replacement or substitution of transistors, diodes or other parts of a unique nature, with parts other than those recommended by the manufacturer, may cause a violation of the technical regulations of Part 15 of FCC Rules.

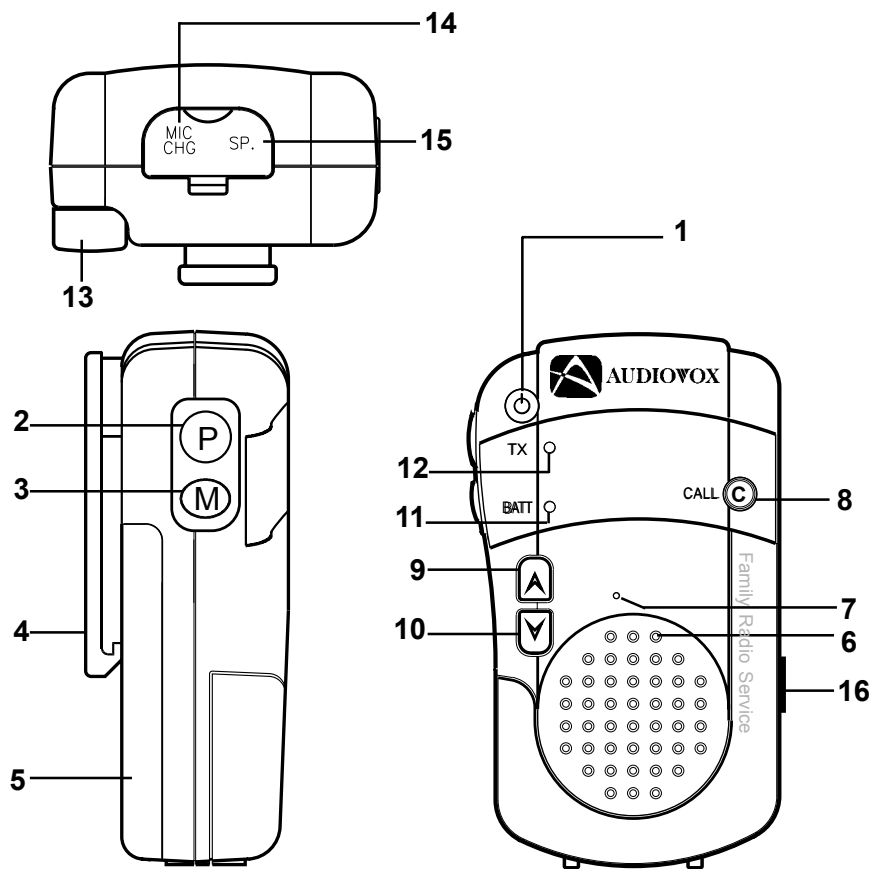
■ FEATURES

Your FR-200 Family Radio is a portable, easy to use, two-way radio that you can carry almost anywhere. It is skillfully constructed to give you reliable communications for many different applications. The FR-200 is ideal for use around the house, in your boat, on hunting and camping trips, on the ski slopes or at the mall.

■ PERFORMANCE

Your transceiver will achieve its maximum operating range when communicating with other transceiver(s) in a flat open area with no trees or buildings obstructing its signal. Range may be up to two miles under such conditions. Obstacles such as buildings, trees or mountains will tend to reduce the transceiver's effective range.

■ FUNCTION AND LOCATION OF THE CONTROLS



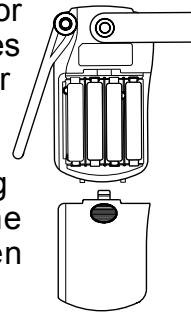
-2-

1. **Power Button:** Press and hold this button for 2 seconds to turn the transceiver on or off.
2. **Push-to-Talk Button:** Press to transmit. Release to receive.
3. **Monitor Button:** Press and hold to bypass the squelch and listen to channel activity.
4. **Belt Clip**
5. **Battery Compartment**
6. **Speaker**
7. **Microphone**
8. **Call Button:** Press and hold this button to send a ringing sound to other radios tuned to the same channel.
9. **Up Button:** Press this button to increase the volume.
10. **Down Button:** Press this button to decrease the volume.
11. **Low Battery Indicator:** Illuminates when the battery level is low.
12. **Transmit Indicator:** Illuminates while transmitting.
13. **Antenna:** Rotate counterclockwise when transceiver is in use
14. **Microphone / Charger Jack:** For use with an external microphone / PTT button and optional battery charger.
15. **Speaker Jack:** For use with an Audiovox approved headset accessory only.
16. **Channel Select Switch:** Selects channel of operation

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■ BATTERY INSTALLATION

Your FR-200 requires four “AAA” alkaline cells or four rechargeable “AAA” cells. Alkaline batteries will provide the best performance from your transceiver. Remove the battery cover by rotating the belt clip away from the battery compartment. Slide the battery cover downward while applying pressure at its grooved section. Observe the polarity symbols inside the battery tray when installing the batteries.



CAUTION:

- Incorrect battery installation can damage the unit.
- The microphone / charger jack is intended for use with Audiovox approved charging accessories only. Refer to the documentation included with the battery charger.
- Never attempt to charge alkaline batteries with the optional battery charger.

■ USING YOUR FR-200

Turning the Transceiver on

Pressing the power button for 2 seconds will activate the unit. The speaker will play a conformation beep tone to confirm the FR-200's activation. To turn the unit off, simply press and hold the power button for 2 seconds. The unit will play a tone to confirm its shutdown.

Button Conformation Tones

The FR-200 will confirm each press of the up or down buttons with a conformation tone. The tone will correspond to the current volume setting, the lower the tone, the lower the setting. A unique tone will indicate that the limit of adjustment has been reached.

Low Battery Alert

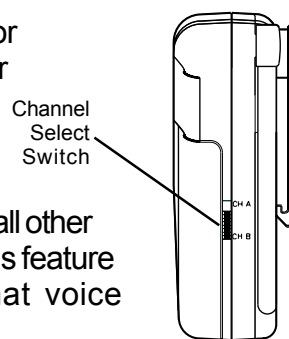
When the batteries are in need of replacement or charging, the low battery indicator LED will flash once every $\frac{1}{2}$ second and the transceiver will sound a double beep to alert the user.

To Select a Channel

Move the channel select switch upward for Channel A (FRS Channel 1) or downward for Channel B (FRS Channel 8)

Call Signals

When the call button is pressed, the FR-200 will transmit a three-second ringing sound to all other transceiver's tuned to the same channel. This feature can be used to signal other parties that voice communication is desired.



To Transmit

1. Set the desired channel.
2. Press and hold the P (Push-to-Talk) button while speaking slowly and clearly in a normal voice, approximately 2 to 3 inches from the microphone.
3. The transmit indicator will illuminate while transmitting.
4. Release the P (Push-to-Talk) button when you finish speaking to receive incoming signals.

To Receive.

1. Set the desired channel.
2. Adjust the volume control to the desired listening volume by using the up and down buttons while listening to the button conformation tones
3. The transceiver will play strong signals through its internal speaker or through a headset if so equipped.

Monitor Function

The monitor button can be used to play all signals present on a channel. This is useful when communicating with other parties at extreme range.

The monitor function can be locked on by pressing its button for three seconds. A confirmation tone indicates that the monitor lock has been activated. Pressing the monitor button a second time will unlock the monitor function.

WARNING

Remove the batteries from the transceiver if it is not expected to be used for long periods. This will eliminate the possibility of battery acid leaking from the batteries and corroding the transceiver.

Avoid exposing the unit to water or extremes of temperature.

Do not use this device in or near a mining facility, which uses remotely triggered explosives or in areas labeled "Blasting Area". Premature or accidental detonation may result.

Do not attempt to modify or in any way increase the output of this transceiver. Its output is designed to meet the legal limits set by the FCC.

Do not use this device or change its batteries in potentially explosive atmospheres as sparks in such areas could result in an explosion.

Turn your transceiver off wherever posted notices restrict the use of radios or cellular telephones. Facilities such as hospitals may use equipment that is sensitive to RF energy.

Turn your transceiver off on board aircraft when requested to do so.

Do not place your transceiver in front of a vehicle's air-bag. If the air-bag deploys, it could propel the transceiver like a projectile.

This transceiver complies with F.C.C. regulations for use in the United States. Use in other countries may be prohibited or restricted by local regulation. Please check with the local regulating agency before using this device outside of the United States.

■ SPECIFICATIONS*

Channels: 2 (FRS CH 1 & CH 8)
Output Power: 500 mW ERP
Battery Life
 Alkaline: 30 - 35 Hours
Power Source: 6.0 V DC

* These specifications are subject to change without notice. They represent typical values, individual units may vary

Channel Frequencies:

Channel	MHz	Channel	MHz
A (FRS #1)	462.5625	B (FRS #8)	467.5625

The FR-200 can be used with any model FRS radio that operates on one of the channels above.

90 DAY LIMITED WARRANTY

Applies to Audiovox Family Radio Service Products.

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 90 days from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the warranty center at the address shown below.

The Company disclaims liability for communications range of this product.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 30 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

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